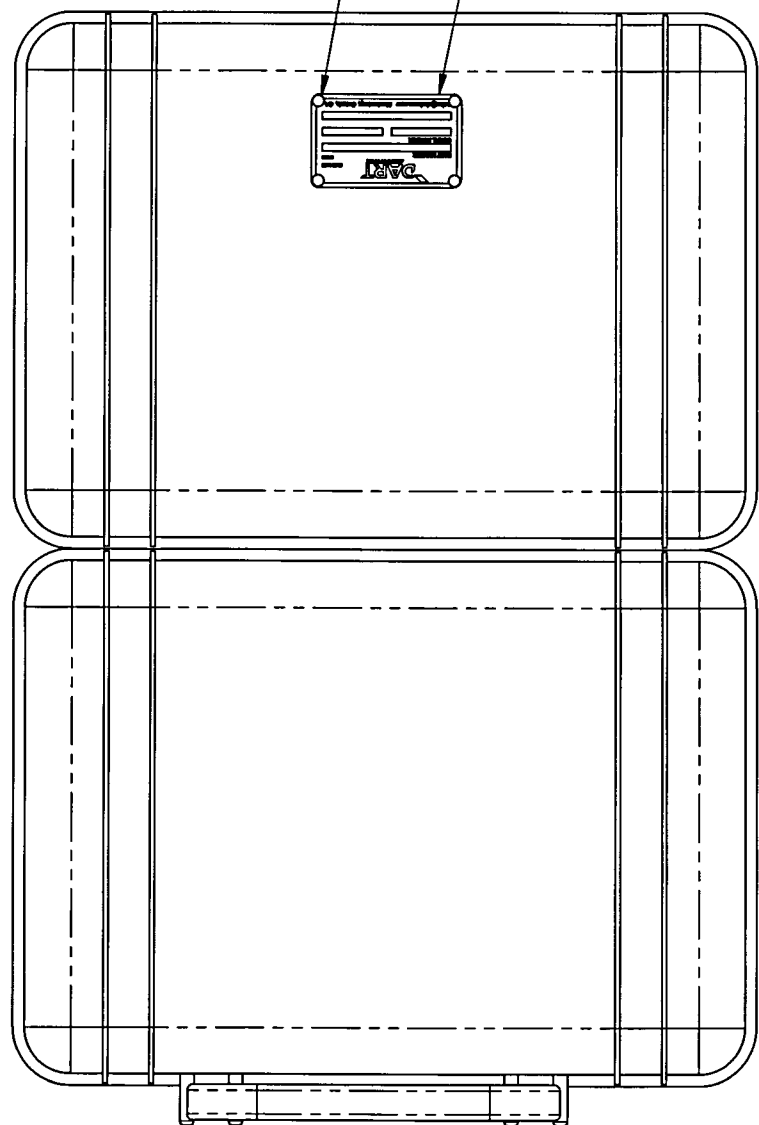
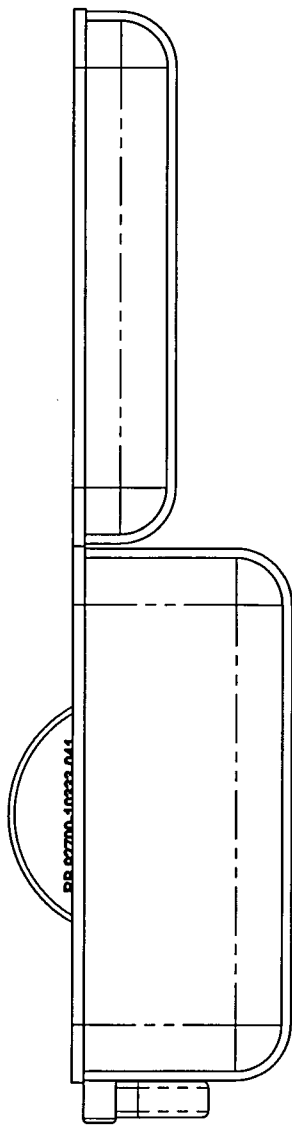
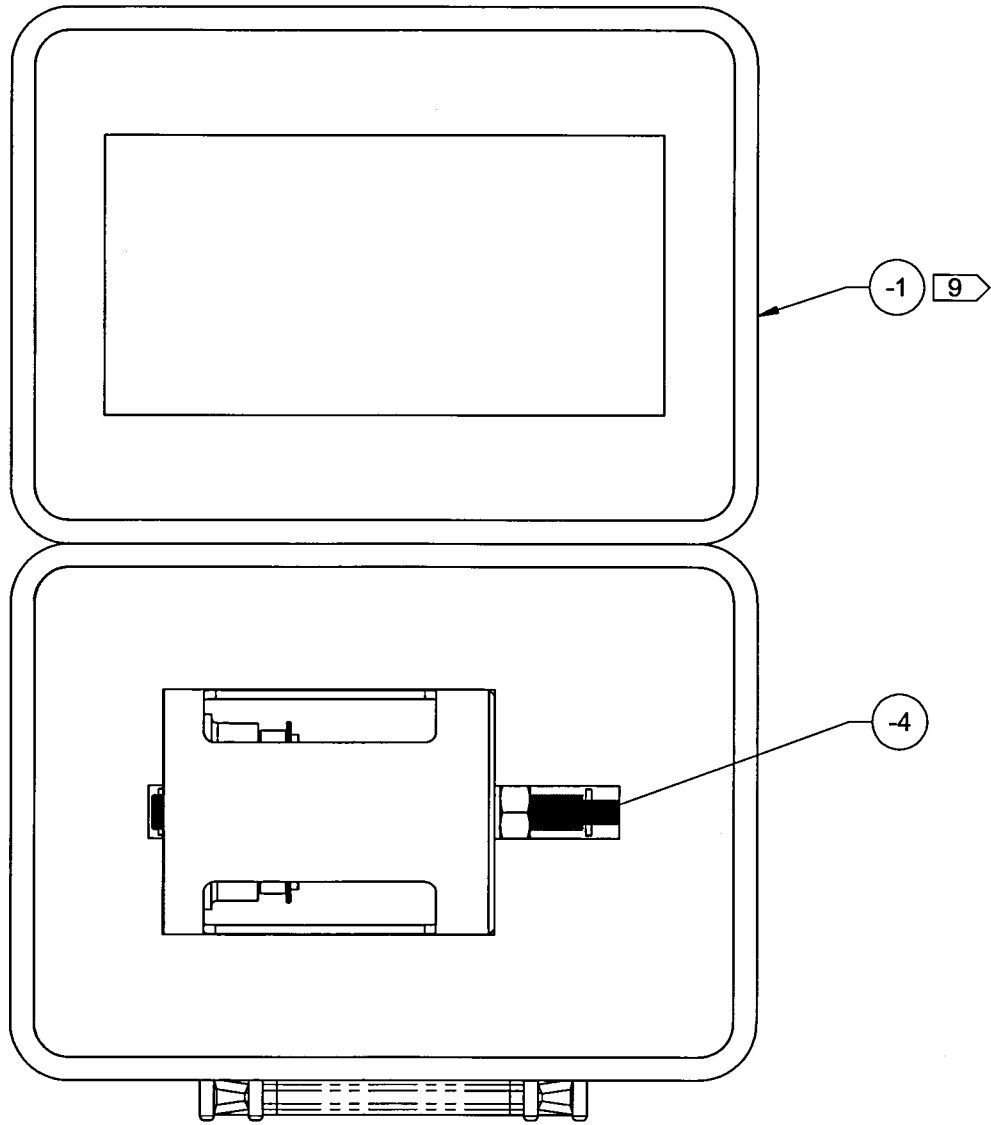


ITEM #	QTY	PART #	PART TITLE
-1	1	RB 92700-10333-041-1	PACKAGING ASSY
-4	1	RB 92700-10333-041-4	ENGINE DRIVE SHAFT REMOVAL TOOL ASSY
10	1	RB41011	DART PLACARD
11	4	McMaster#97524A032 OR EQUIV.	ALUMINUM SEALING BLIND RIVETS 1/8" DIA. x 0.425" LG.

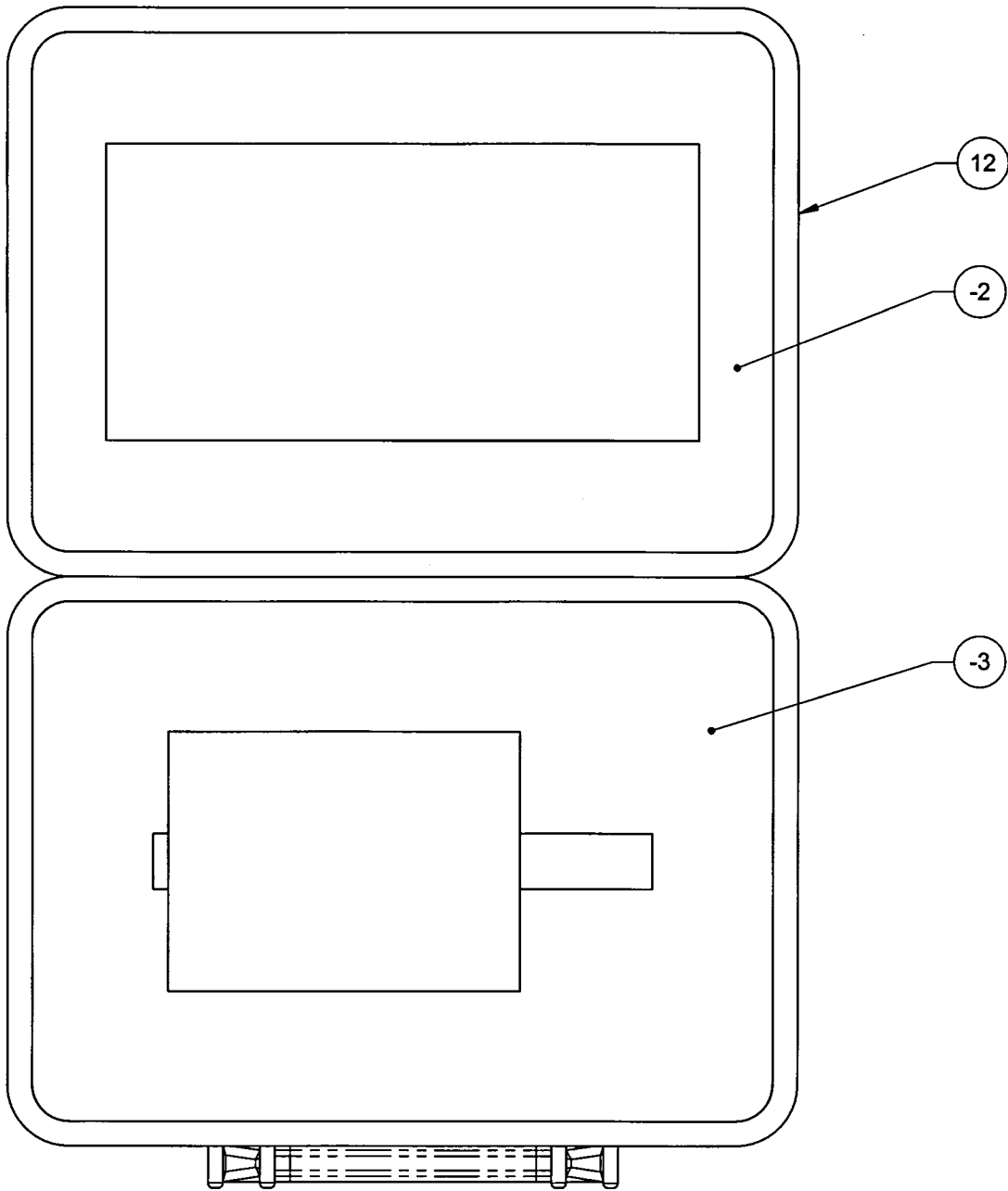


RB 92700-10333-041 ENGINE DRIVE SHAFT REMOVAL TOOL

NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: ENGRAVE THE TOOL P/N & S/N ON THE DART PLACARD WHERE INDICATED
8) INSTALL THE DART PLACARD ONTO THE TOP OF THE CASE IN AVAILABLE AREA USING ALUMINIUM POP RIVETS
9) HOT GLUE THE TOP AND BOTTOM FOAM INTO THE CASE

A	NEW ISSUE	18-639	VM
REV.	DESCRIPTION	ECN #	BY
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	<i>MZ</i>	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10333-041	SHEET 1 OF 10
APPROVED	<i>MZ</i>	TITLE	SCALE
DATE 5/29/2018		ENGINE DRIVE SHAFT REMOVAL TOOL	NTS
COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

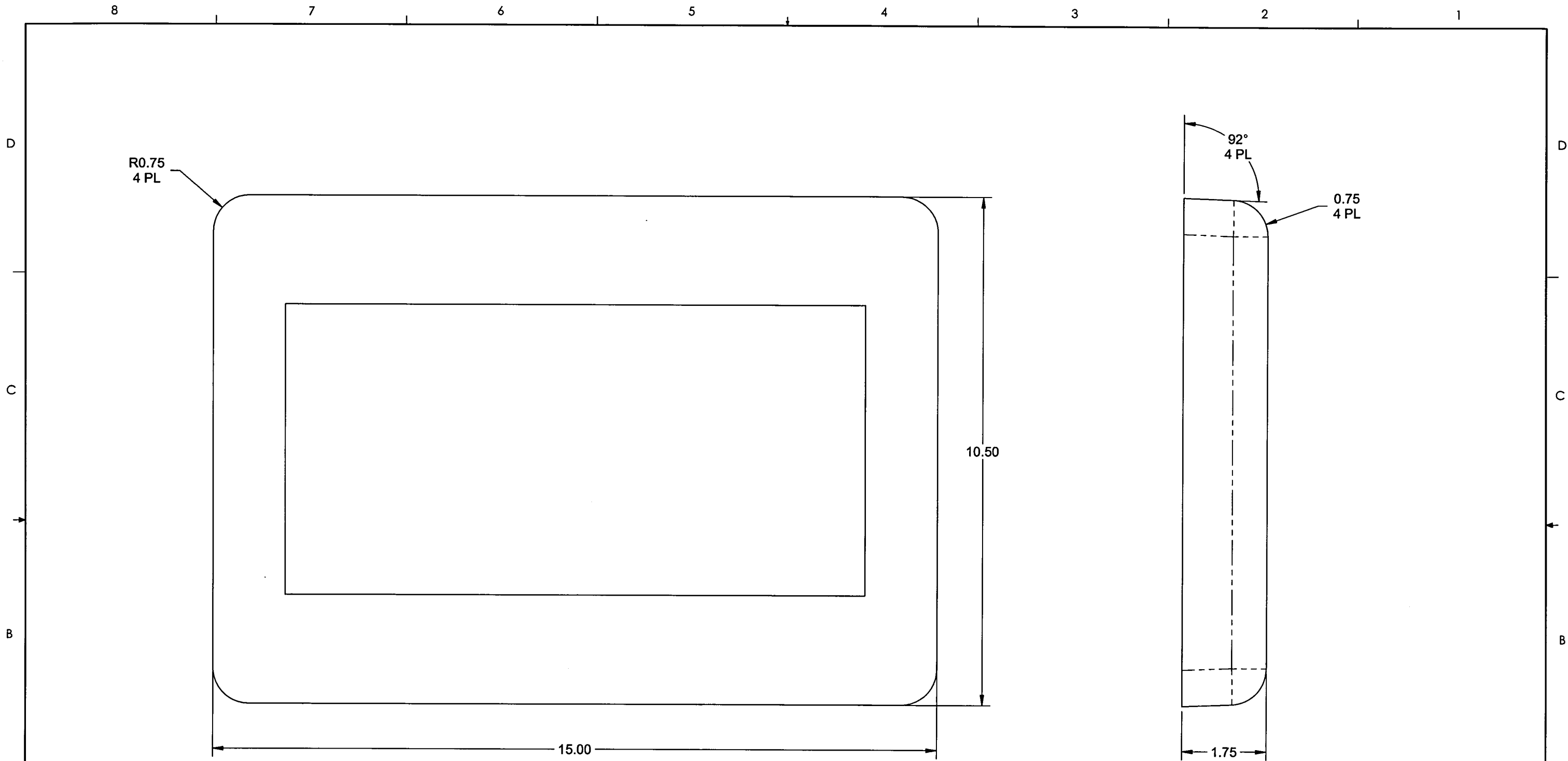
ITEM #	QTY	PART #	PART TITLE
-2	1	RB 92700-10333-041-2	TOP FOAM
-3	1	RB 92700-10333-041-3	BOTTOM FOAM
12	1	PELICAN #APP-1450-E	PELICAN CASE 1450



RB 92700-10333-041-1 PACKAGING ASSY

NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	<i>ML</i>	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10333-041	SHEET 2 OF 10
APPROVED	<i>ML</i>	TITLE	SCALE
DATE 5/29/2018		ENGINE DRIVE SHAFT REMOVAL TOOL	NTS
		COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



NOTES:

1) MATERIAL: BLACK ETHAFOAM 220

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

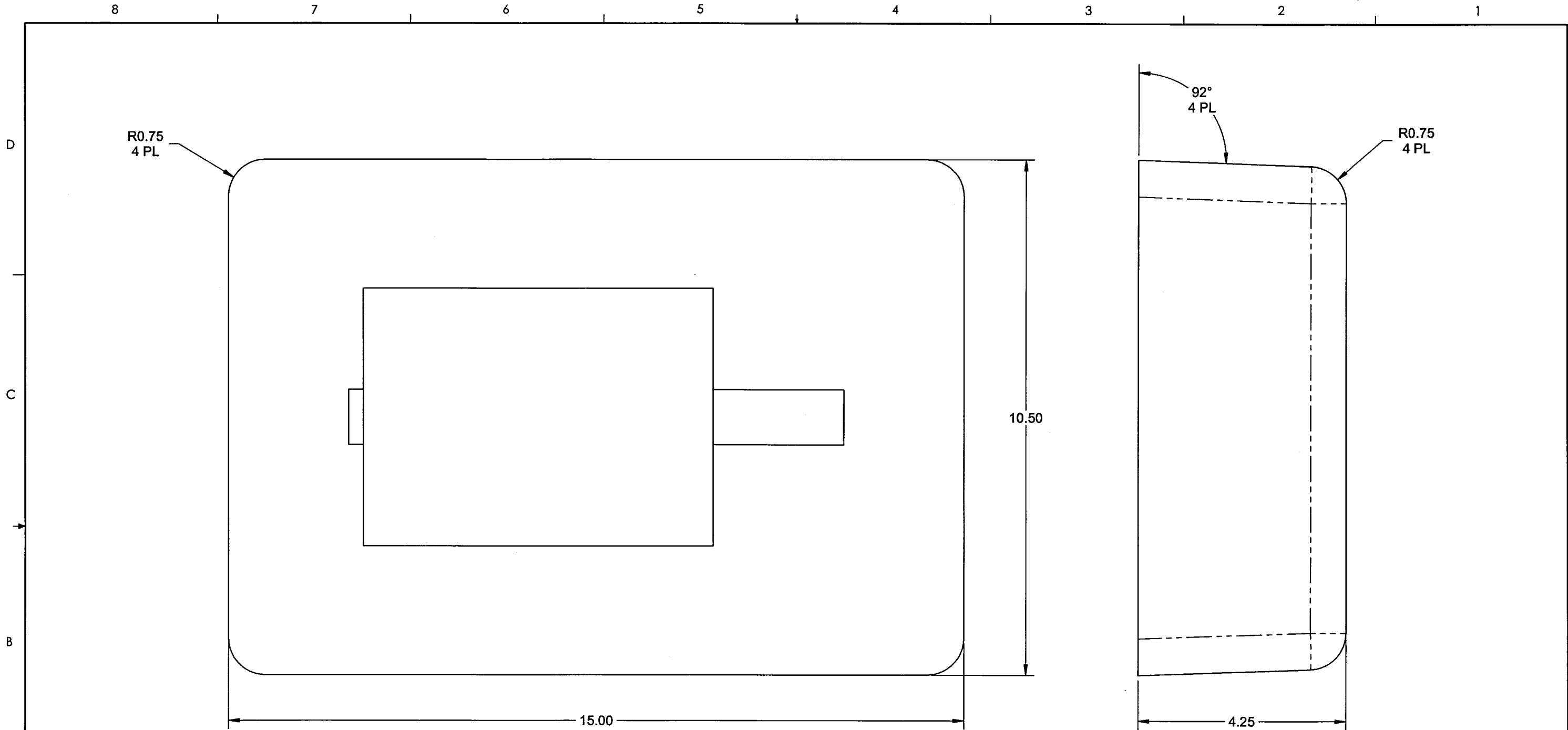
6) BREAK SHARP EDGES: N/A

7) IDENTIFICATION: N/A

8) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.050" PER CAD FILE RB 92700-10333-041-2

RB 92700-10333-041-2 TOP FOAM

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	<i>MHe</i>	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10333-041	SHEET 3 OF 10
APPROVED	<i>MHe</i>	TITLE	SCALE
DATE 5/29/2018		ENGINE DRIVE SHAFT REMOVAL TOOL	NTS
		<small>COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



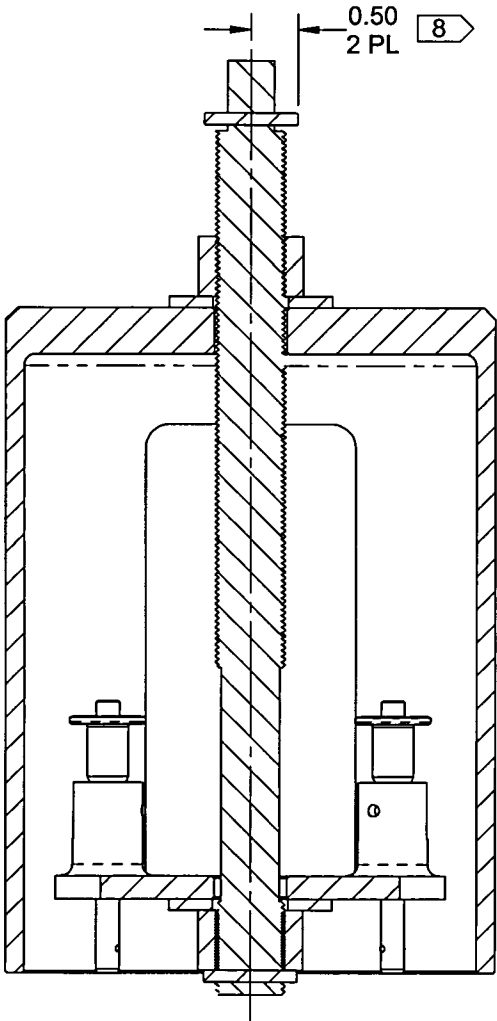
RB 92700-10333-041-3 BOTTOM FOAM

NOTES:

- 1) MATERIAL: BLACK ETHAFOAM 220
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A
- 8) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.050" PER CAD FILE RB 92700-10333-041-3

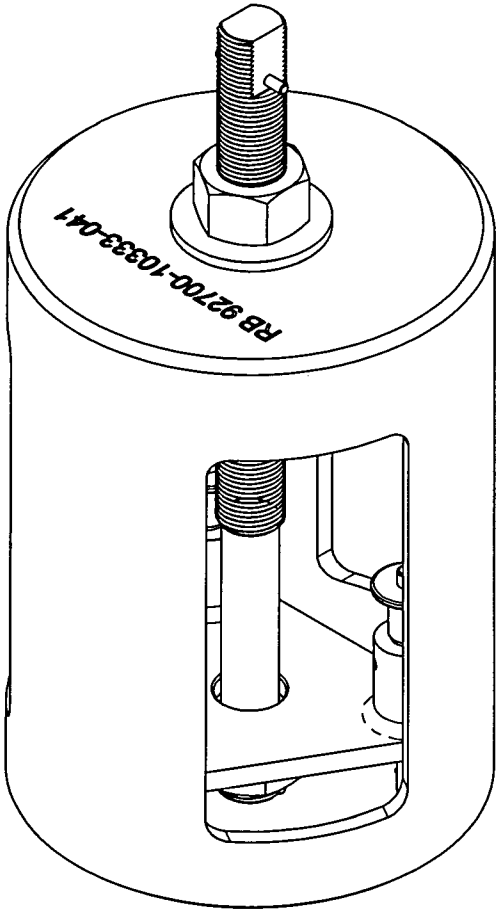
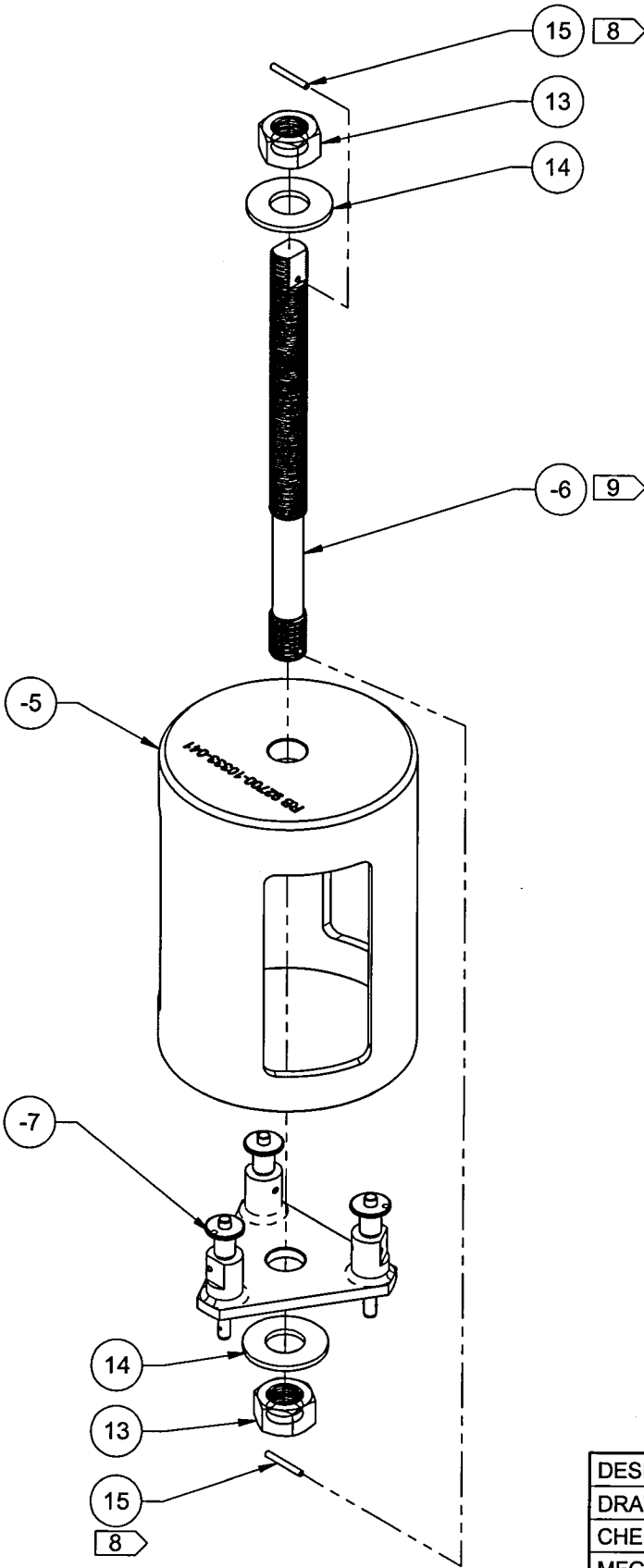
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	<i>M. Lee</i>	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10333-041	SHEET 4 OF 10
APPROVED	<i>M. Lee</i>	TITLE	SCALE
DATE 5/29/2018		ENGINE DRIVE SHAFT REMOVAL TOOL	NTS
COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

ITEM #	QTY	PART #	PART TITLE
-5	1	RB 92700-10333-041-5	REACTOR
-6	1	RB 92700-10333-041-6	SHAFT
-7	1	RB 92700-10333-041-7	REMOVAL ASSY
13	2	McMaster#91845A175 OR EQUIV	SS HEX NUT 3/4"-16
14	2	McMaster#92141A056 OR EQUIV	SS FLAT WASHER 3/4"
15	2	McMaster#98380A475 OR EQUIV	SS DOWEL PIN 1/8" DIA. x 1" LG.

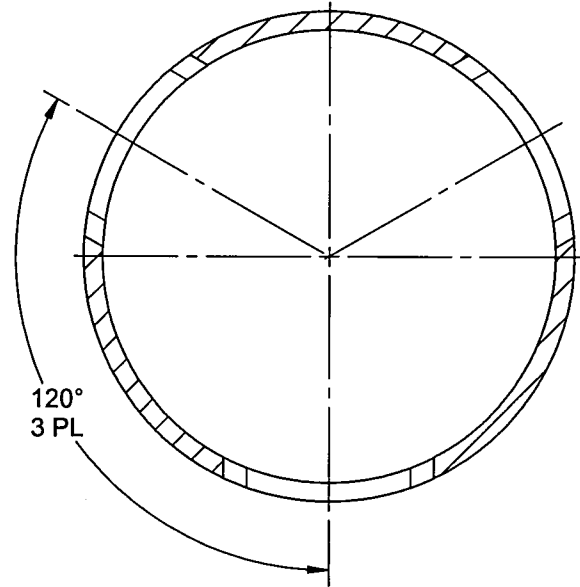


RB 92700-10333-041-4 ENGINE DRIVE SHAFT REMOVAL TOOL ASSY

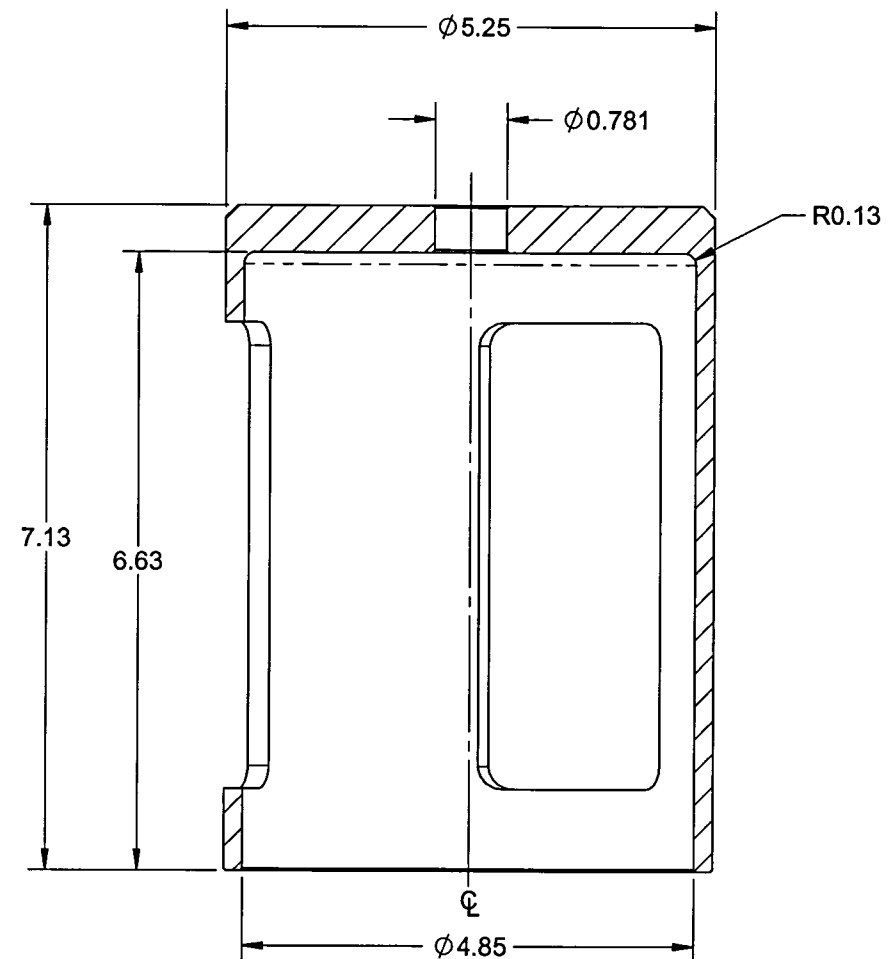
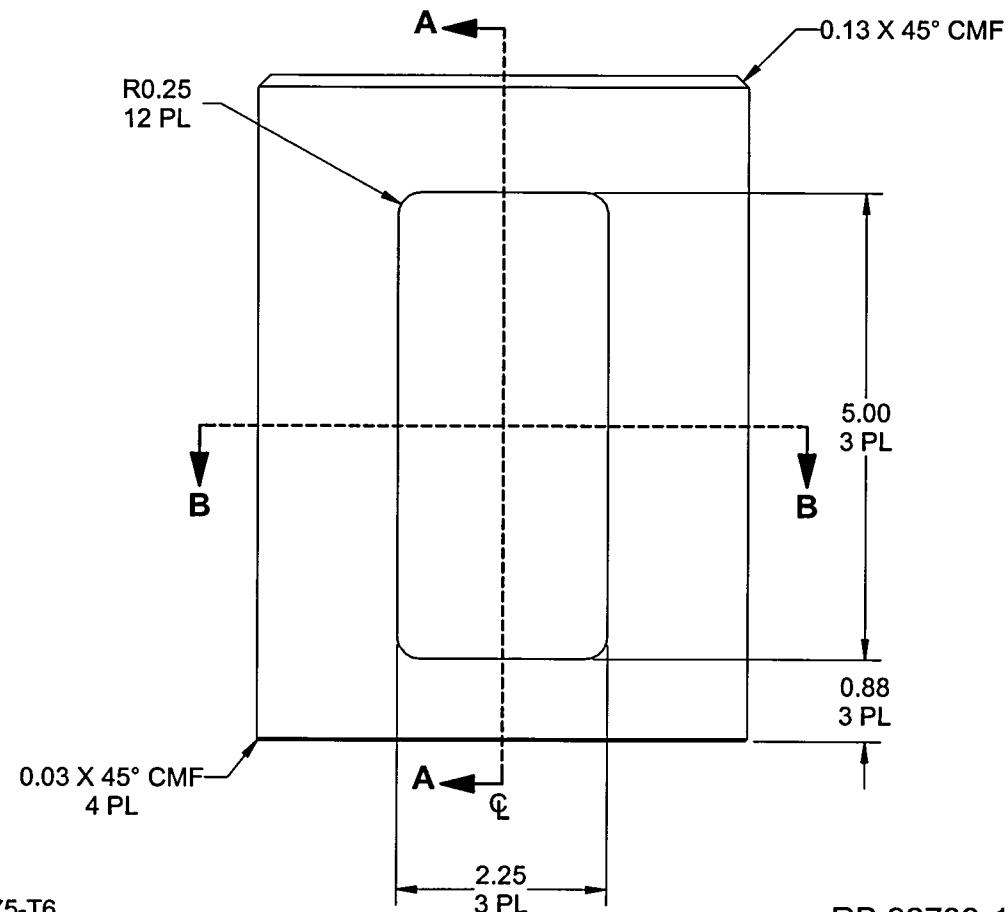
- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: N/A
 - 7) IDENTIFICATION: N/A
 - 8) ASSEMBLE AS SHOWN, APPLY LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEMS 15 CENTERED WITH ITEM -6 AS SHOWN AND REMOVE EXCESS
 - 9) APPLY A SMALL AMOUNT OF LOCTITE NICKEL BASED ANTI SEIZE ON THREADS OF ITEM -6



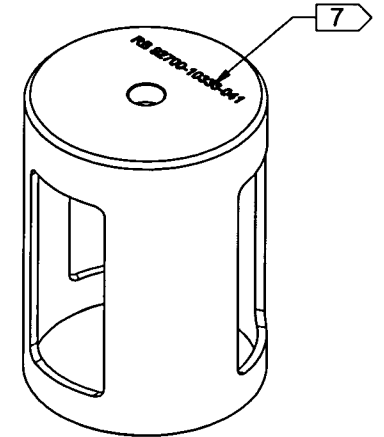
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	<i>ML</i>	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10333-041	SHEET 5 OF 10
APPROVED	<i>ML</i>	TITLE	SCALE
DATE 5/29/2018		ENGINE DRIVE SHAFT REMOVAL TOOL	NTS
		<small>COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	



SECTION B-B



SECTION A-A



- NOTES:
- 1) MATERIAL: 6061-T6 / 7075-T6
 - 2) HEAT TREAT: N/A
 - 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: 0.005" TO 0.010"
 - 7) IDENTIFICATION: MACHINE ENGRAVE PER CAD MODEL AS SHOWN OR DOT MARK T/N AS SHOWN

RB 92700-10333-041-5 REACTOR

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	<i>MZee</i>	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10333-041	SHEET 6 OF 10
APPROVED	<i>MZee</i>	TITLE	SCALE
DATE 5/29/2018		ENGINE DRIVE SHAFT REMOVAL TOOL	NTS
COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD			

8 7 6 5 4 3 2 1

D

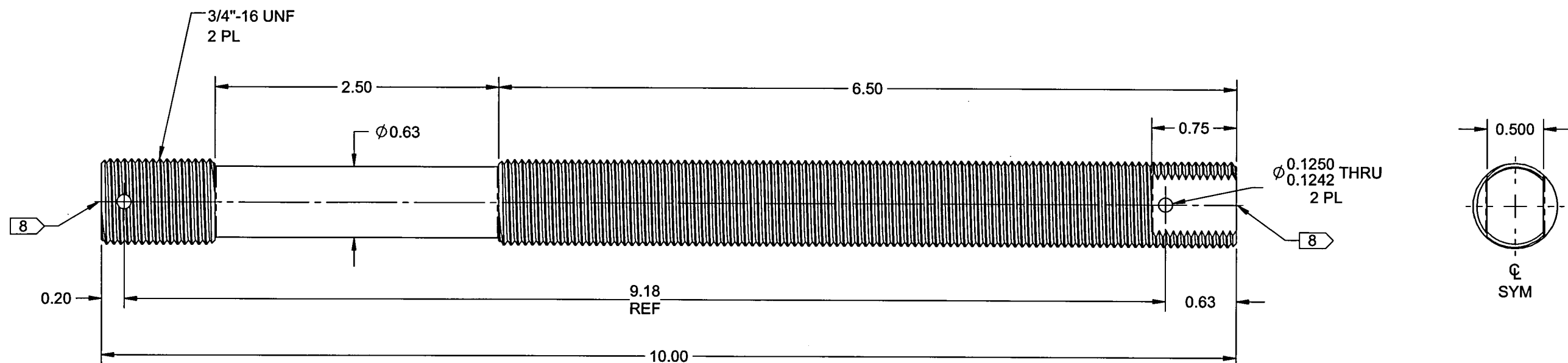
D

C

C

B

B



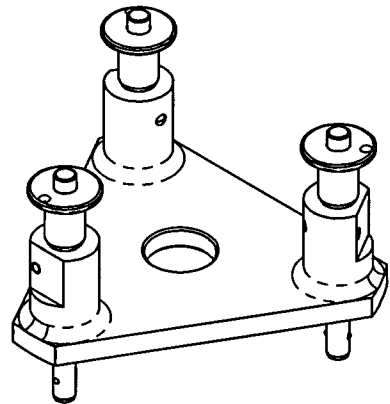
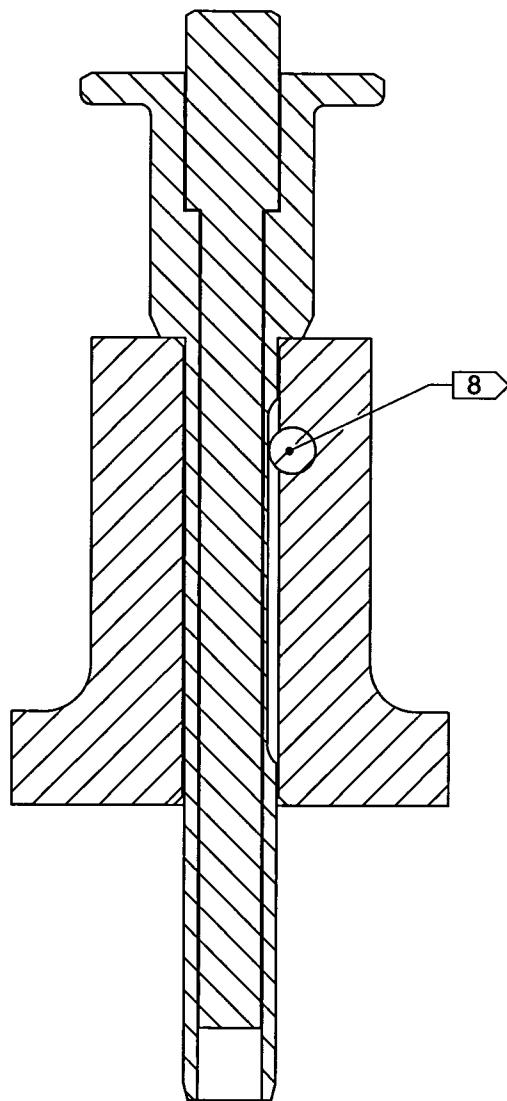
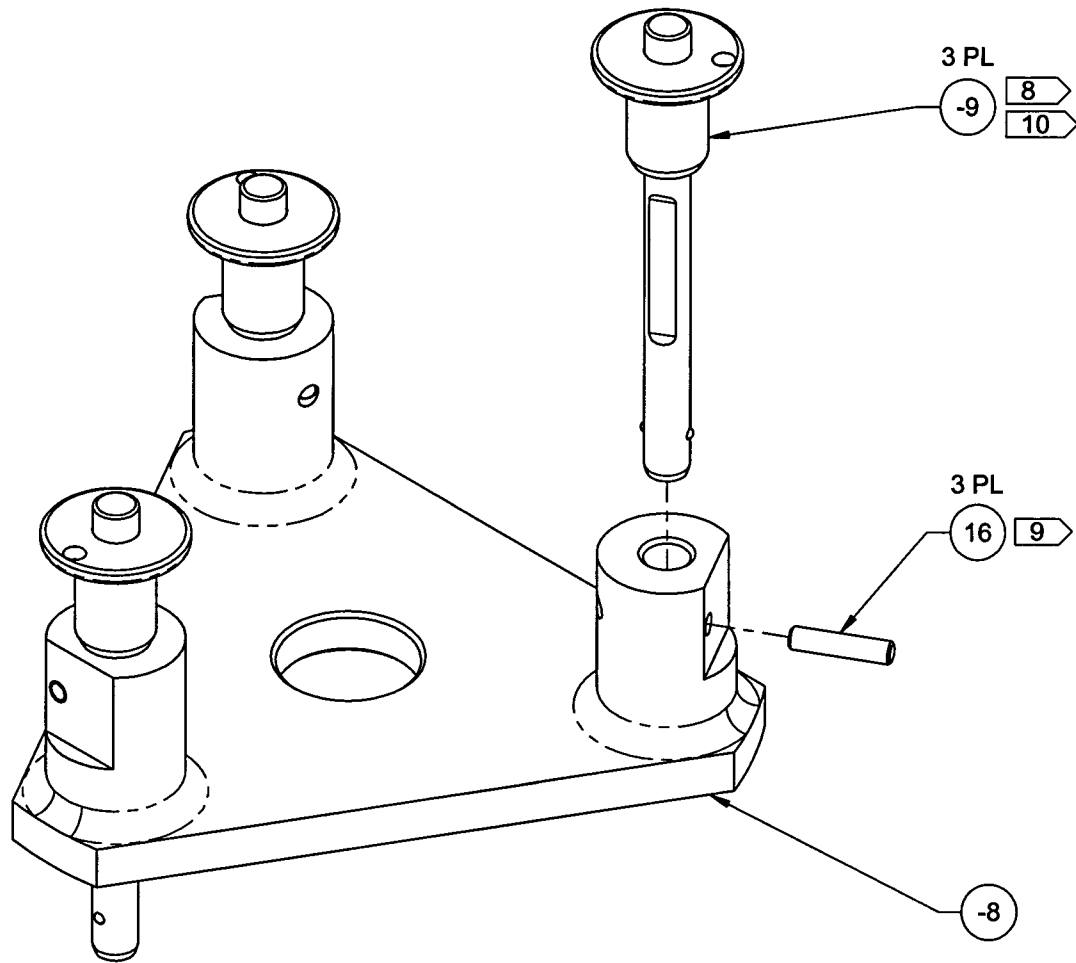
RB 92700-10333-041-6 SHAFT

NOTES:

- 1) MATERIAL: 17-4PH-H900 STAINLESS STEEL
- 2) HEAT TREAT: N/A
- 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
- 4) TOLERANCES: X.X = $\pm 0.1"$ / $\pm 1^\circ$
X.XX = $\pm 0.01"$ / $\pm 0.5^\circ$
X.XXX = $\pm 0.005"$ / $\pm 0.1^\circ$
X.XXXX = $\pm 0.0005"$ / $\pm 0.05^\circ$
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm 0.005"$
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005" TO 0.010"
- 7) IDENTIFICATION: N/A
- 8) CENTER DRILL IS ACCEPTABLE

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	<i>MZee</i>	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10333-041	SHEET 7 OF 10
APPROVED	<i>MZee</i>	TITLE	SCALE
DATE 5/29/2018		ENGINE DRIVE SHAFT REMOVAL TOOL	NTS
COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD			

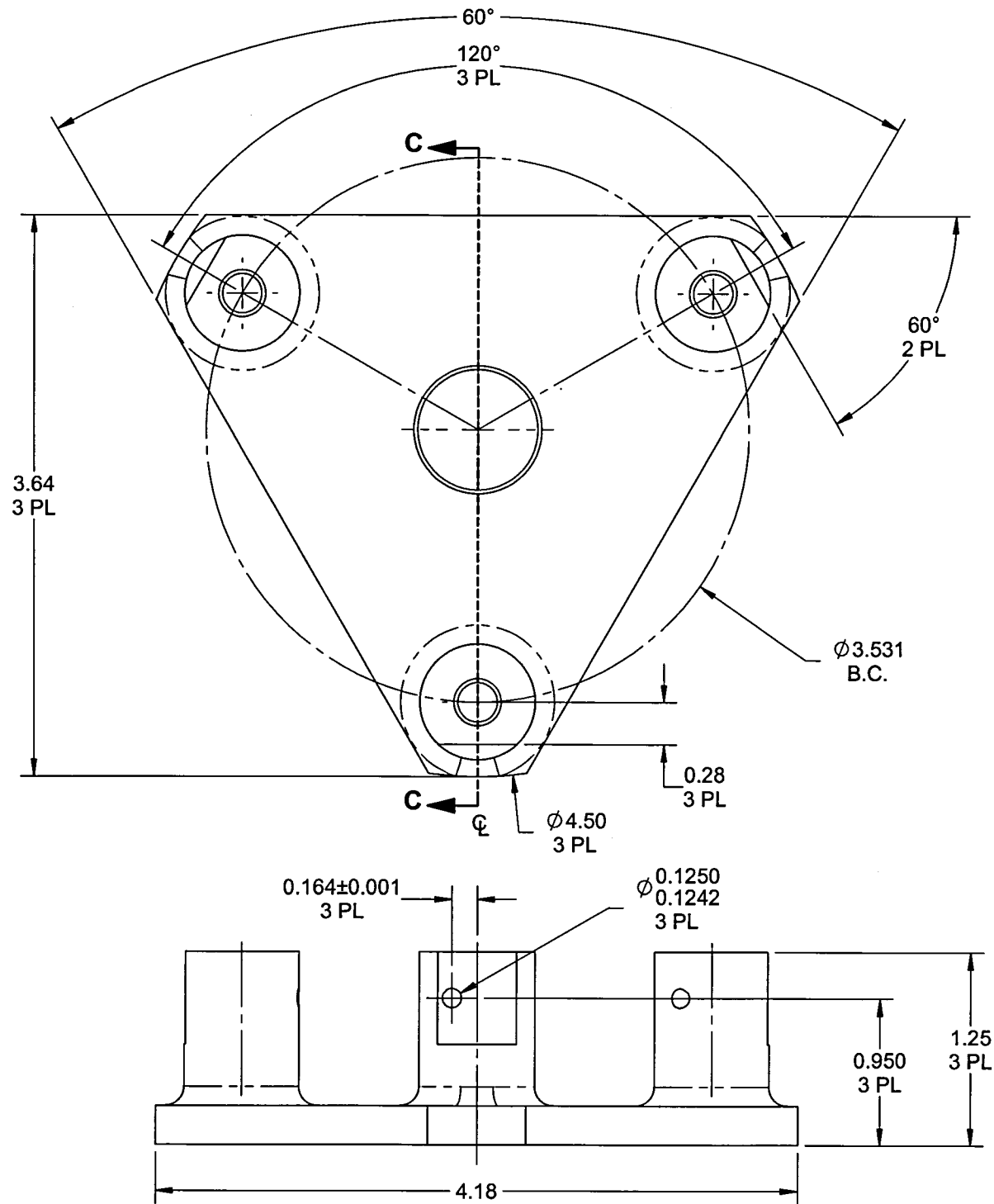
ITEM #	QTY	PART #	PART TITLE
-8	1	RB 92700-10333-041-8	REMOVAL PLATE
-9	3	RB 92700-10333-041-9	QUICK RELEASE PIN MODIFIED
16	3	McMaster#98380A901 OR EQUIV	SS DOWEL PIN 1/8" DIA. x 9/16" LG.



RB 92700-10333-041-7 REMOVAL ASSY

- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: N/A
 - 7) IDENTIFICATION: N/A
 - 8) ASSEMBLE AS SHOWN, ALIGN GROOVE OF ITEM -9 WITH ITEM 16 AS SHOWN
 - 9) PRESS FIT ITEMS 16 WITH ITEMS -8
 - 10) ITEMS -9 MUST MOVE FREELY

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	<i>ML</i>	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10333-041	SHEET 8 OF 10
APPROVED	<i>ML</i>	TITLE	SCALE
DATE 5/29/2018		ENGINE DRIVE SHAFT REMOVAL TOOL	NTS
<small>COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>			



RB 92700-10333-041-8 REMOVAL PLATE

NOTES:

1) MATERIAL: 303/304/316 STAINLESS STEEL

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°

X.XXXX = +/- 0.0005" / +/- 0.05°

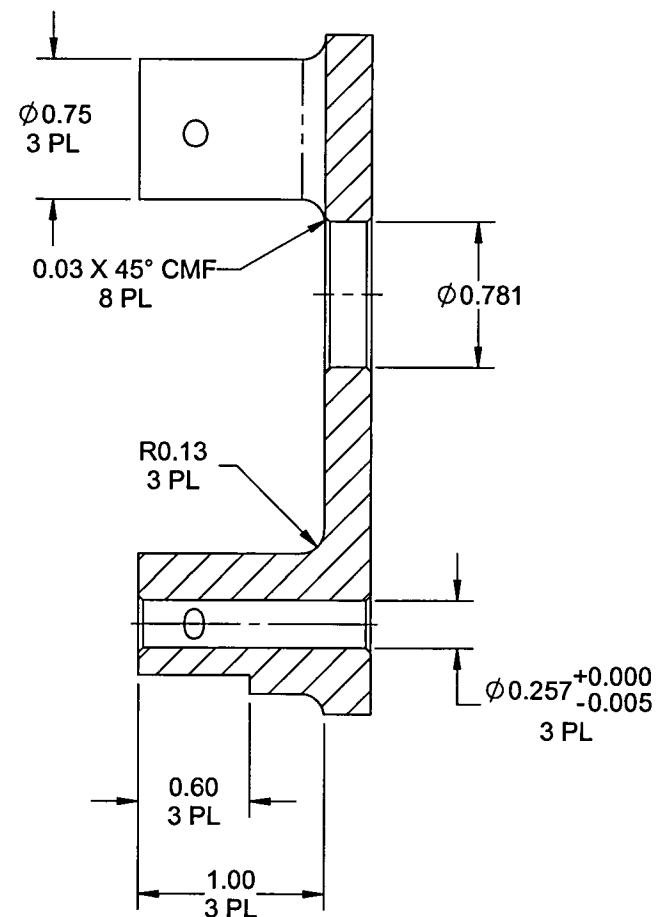
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

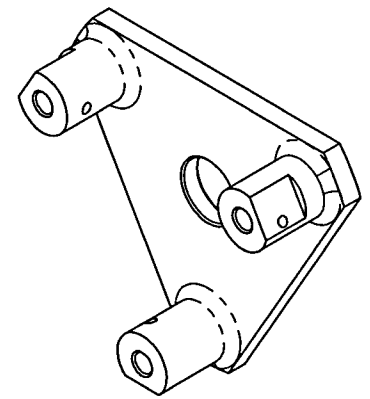
6) BREAK SHARP EDGES: 0.005" TO 0.010"

7) IDENTIFICATION: N/A

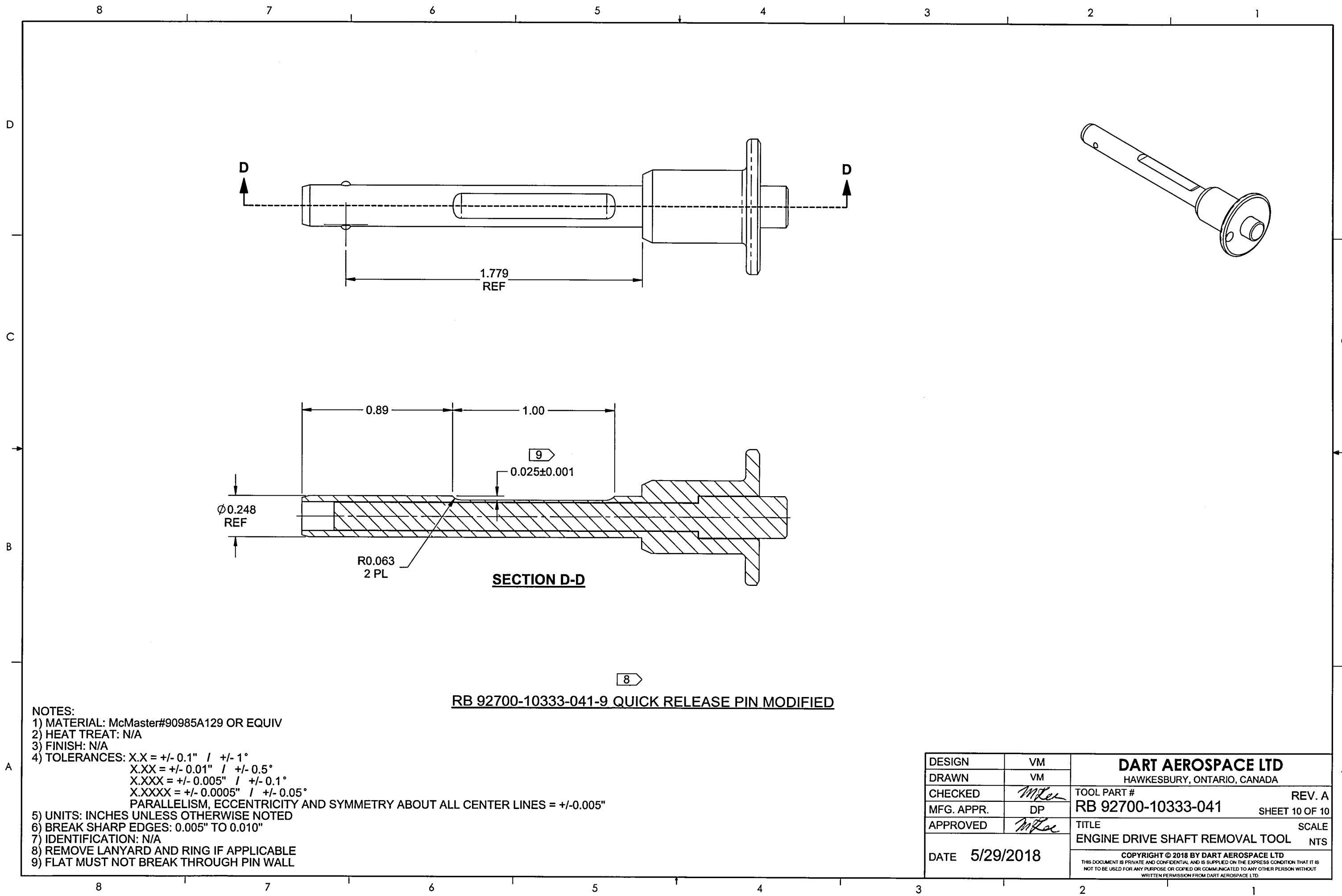
8) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.005" PER CAD FILE RB 92700-10333-041-8



SECTION C-C



DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	<i>M. Lee</i>	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10333-041	SHEET 9 OF 10
APPROVED	<i>M. Lee</i>	TITLE	SCALE
DATE 5/29/2018		ENGINE DRIVE SHAFT REMOVAL TOOL	NTS
<small>COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>			



NOTES:

1) MATERIAL: McMaster#90985A129 OR EQUIV

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) BREAK SHARP EDGES: 0.005" TO 0.010"

7) IDENTIFICATION: N/A

8) REMOVE LANYARD AND RING IF APPLICABLE

9) FLAT MUST NOT BREAK THROUGH PIN WALL

RB 92700-10333-041-9 QUICK RELEASE PIN MODIFIED

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	<i>MLe</i>	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10333-041	SHEET 10 OF 10
APPROVED	<i>MLe</i>	TITLE	SCALE
DATE 5/29/2018		ENGINE DRIVE SHAFT REMOVAL TOOL	NTS
COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD			